

Day : Thursday

Date: 4/6/2006

Time: 16:24:47

 PALM INTRANET

Inventor Information for 10/812831

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PASHA, SANTOSH	NEW DELHI	INDIA
PASHA, QADAR	NEW DELHI	INDIA
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(FILE 'HOME' ENTERED AT 15:58:42 ON 06 APR 2006)

FILE 'REGISTRY' ENTERED AT 15:58:56 ON 06 APR 2006

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 50 SEA SSS SAM L2
L4 25288 SEA SSS FUL L2
L5 418 SEA SUB=L4 SSS FUL L1
L6 STRUCTURE UPLOADED
L7 26 SEA SUB=L5 SSS FUL L6
L8 STRUCTURE UPLOADED
L9 1 SEA SUB=L7 SSS FUL L8
D L9
L10 1 SEA SSS FUL L8
L11 0 SEA FAM FUL L8
L12 STRUCTURE UPLOADED
L13 0 SEA SUB=L4 SSS FUL L12
L14 STRUCTURE UPLOADED
L15 11 SEA SUB=L4 SSS FUL L14
L16 10 SEA PLU=ON L15 NOT L7
D L16 1-10

FILE 'HCAPLUS, USPATFULL, USPAT2, TOXCENTER' ENTERED AT 16:17:35 ON 06 APR 2006

L17 10 SEA PLU=ON L16
L18 3 SEA PLU=ON L10
L19 57 SEA PLU=ON L7
L20 0 SEA PLU=ON L17 AND L18
L21 10 DUP REM L17 (0 DUPLICATES REMOVED)
ANSWERS '1-5' FROM FILE HCAPLUS
ANSWERS '6-10' FROM FILE USPATFULL
L22 2 DUP REM L18 (1 DUPLICATE REMOVED)
ANSWER '1' FROM FILE HCAPLUS
ANSWER '2' FROM FILE USPATFULL
L23 37 DUP REM L19 (20 DUPLICATES REMOVED)
ANSWERS '1-32' FROM FILE HCAPLUS
ANSWERS '33-36' FROM FILE USPATFULL
ANSWER '37' FROM FILE TOXCENTER
L24 47 SEA PLU=ON L21 OR L23
D L21 1-10 IBIB HITSTR
D L22 1-2 IBIB HITSTR

FILE 'MARPAT' ENTERED AT 16:21:46 ON 06 APR 2006

L25 1 SEA SSS SAM L8
L26 48 SEA SSS FUL L8
L27 0 SEA PLU=ON L26 AND (PD<20030313 OR PRD<20030331)
D L26 1-48 IBIB

FILE 'REGISTRY' ENTERED AT 16:28:35 ON 06 APR 2006

L28 STRUCTURE UPLOADED
L29 0 SEA SSS FUL L28
L30 1 SEA PLU=ON 99333-54-7/RN
D L30
E 4-PIPERAZINEACETIC ACID/CN
E 4-PIPERAZINE ACETIC ACID/CN
E 4-PIPERAZINEACETIC ACID/CN
L31 1 SEA PLU=ON "4-PIPERAZINEACETIC ACID, 1-((2-(METHYLTHIO)-4-((4-(4-MORPHOLINYLYL) PHENYL) AMINO)-5-PYRIMIDINYLYL) CARBONYL)-"/CN
D L31

L32 D QUE STA L17
D QUE STA L18
D QUE L29
STRUCTURE UPLOADED
D
L33 107 SEA SUB=L4 SSS FUL L32
L34 STRUCTURE UPLOADED
L35 0 SEA SUB=L33 SSS FUL L34
L36 11 SEA SUB=L4 SSS FUL L34
L37 0 SEA SUB=L36 SSS FUL L32

FILE 'HCAPLUS, USPATFULL, USPAT2, TOXCENTER' ENTERED AT 16:46:07 ON 06
APR 2006

L38 13 SEA PLU=ON L36
L39 12 DUP REM L38 (1 DUPLICATE REMOVED)
ANSWERS '1-6' FROM FILE HCAPLUS
ANSWERS '7-12' FROM FILE USPATFULL
L40 8 SEA PLU=ON L39 AND (PD<20030313 OR PRD<20030331)
D L40 1-8 IBIB HITSTR
D QUE STA

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 4 APR 2006 HIGHEST RN 879269-14-4
DICTIONARY FILE UPDATES: 4 APR 2006 HIGHEST RN 879269-14-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE HCAPLUS

FILE COVERS 1907 - 6 Apr 2006 VOL 144 ISS 15
FILE LAST UPDATED: 5 Apr 2006 (20060405/ED)

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 6 Apr 2006 (20060406/PD)

FILE LAST UPDATED: 6 Apr 2006 (20060406/ED)

CA INDEXING IS CURRENT THROUGH 6 Apr 2006 (20060406/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 6 Apr 2006 (20060406/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 6 Apr 2006 (20060406/PD)

FILE LAST UPDATED: 6 Apr 2006 (20060406/ED)

CA INDEXING IS CURRENT THROUGH 4 Apr 2006 (20060404/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 6 Apr 2006 (20060406/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

FILE TOXCENTER

FILE COVERS 1907 TO 4 Apr 2006 (20060404/ED)

FILE MARPAT

FILE CONTENT: 1961-PRESENT VOL 144 ISS 14 (20060331/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

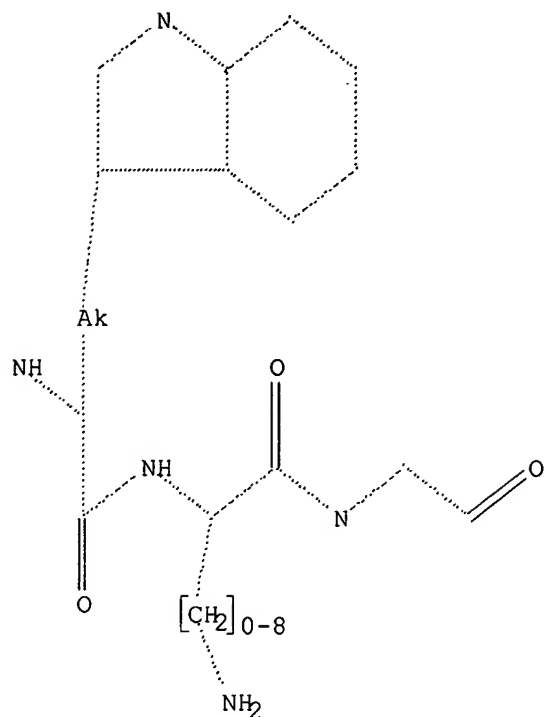
US	2006035965	16	FEB	2006
DE	102004039876	26	JAN	2006
EP	1621541	01	FEB	2006
JP	2006045074	16	FEB	2006
WO	2006012333	02	FEB	2006
GB	2416167	18	JAN	2006
FR	2874013	10	FEB	2006
RU	2267521	10	JAN	2006
CA	2512063	14	JAN	2006

Expanded G-group definition display now available.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

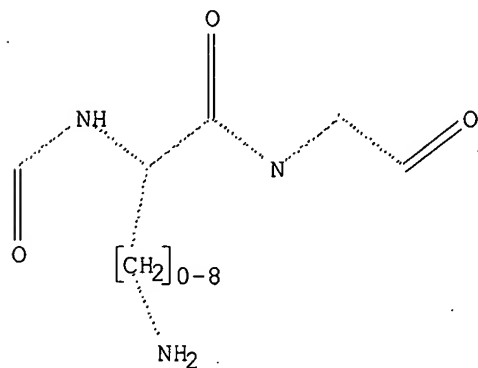
=> d que sta 117; d que sta 118;d que 129

L1 STR



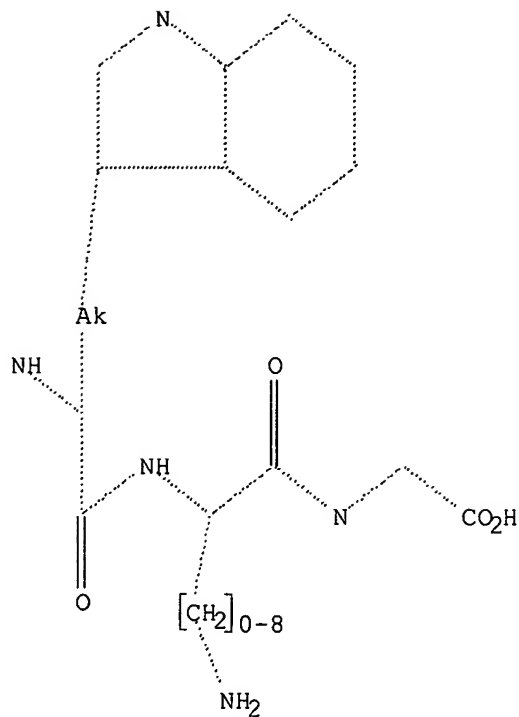
Structure attributes must be viewed using STN Express query preparation.

L2 STR



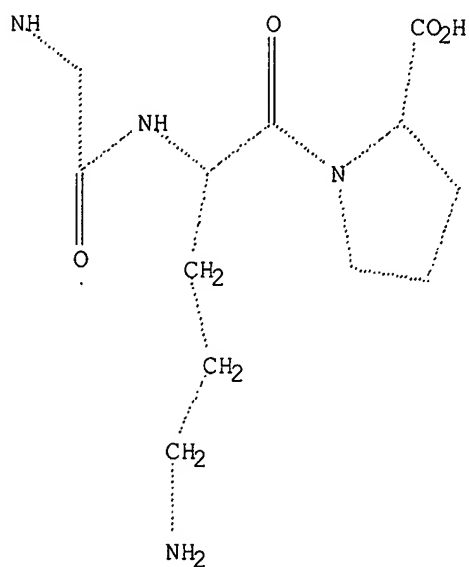
Structure attributes must be viewed using STN Express query preparation.

L4 25288 SEA FILE=REGISTRY SSS FUL L2
 L5 418 SEA FILE=REGISTRY SUB=L4 SSS FUL L1
 L6 STR



Structure attributes must be viewed using STN Express query preparation.

L7 26 SEA FILE=REGISTRY SUB=L5 SSS FUL L6
L14 STR



Structure attributes must be viewed using STN Express query preparation.

L15 11 SEA FILE=REGISTRY SUB=L4 SSS FUL L14
L16 10 SEA FILE=REGISTRY PLU=ON L15 NOT L7
L17 10 SEA L16

L8 STR

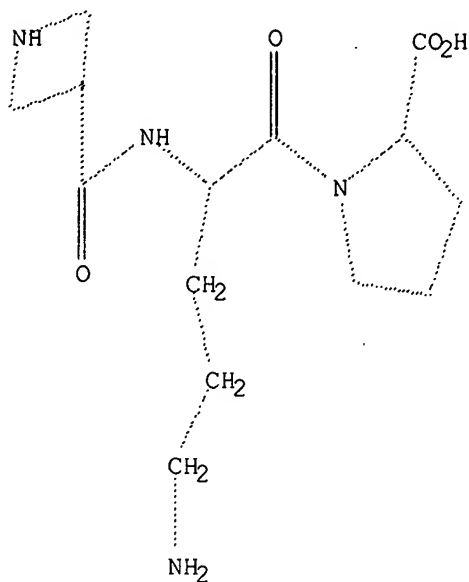
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L10 1 SEA FILE=REGISTRY SSS FUL L8

L18 3 SEA L10

L28 STR



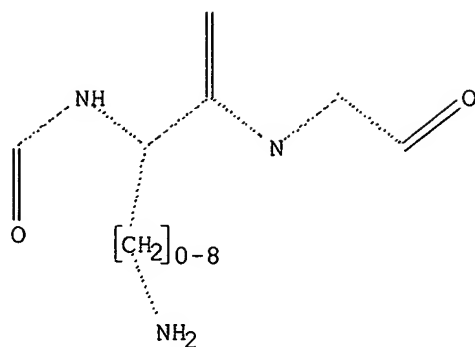
Structure attributes must be viewed using STN Express query preparation.

L29 0 SEA FILE=REGISTRY SSS FUL L28

=> d que sta

L2

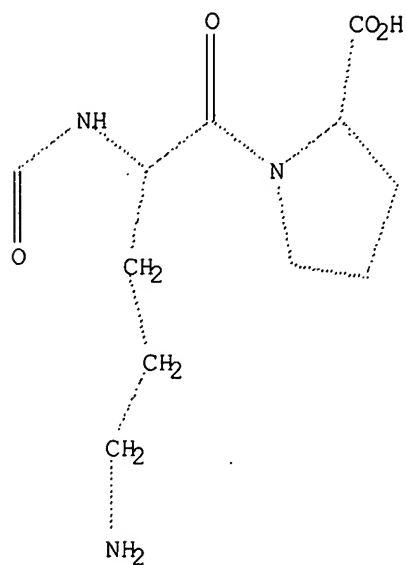
STR



Structure attributes must be viewed using STN Express query preparation.

L4 25288 SEA FILE=REGISTRY SSS FUL L2

L34 STR



Structure attributes must be viewed using STN Express query preparation.

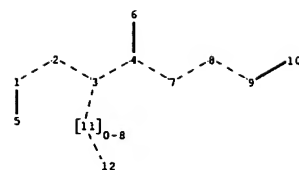
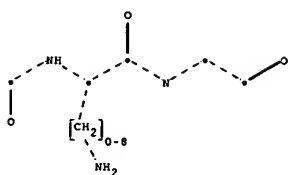
L36 11 SEA FILE=REGISTRY SUB=L4 SSS FUL L34

L38 13 SEA L36

L39 12 DUP REM L38 (1 DUPLICATE REMOVED)

L40 8 SEA L39 AND (PD<20030313 OR PRD<20030331)

H:\STN queries\10812831.str



chain nodes :

1 2 3 4 5 6 9 10 11 12

ring nodes :

7 8

chain bonds :

1-5 1-2 2-3 3-4 3-11 4-6 4-7 8-9 9-10 11-12

ring bonds :

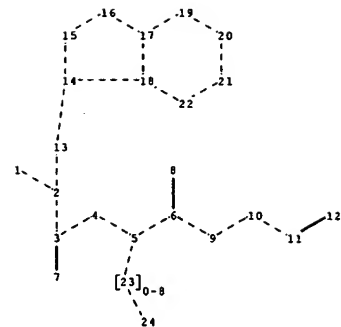
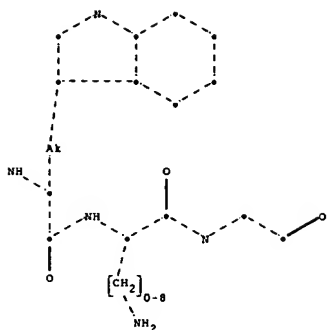
7-8

exact/norm bonds :

1-5 1-2 2-3 3-4 3-11 4-6 4-7 7-8 8-9 9-10 11-12

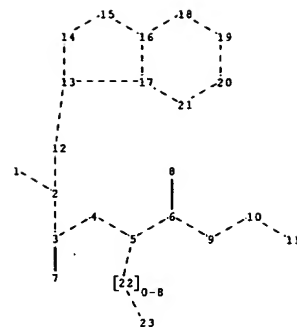
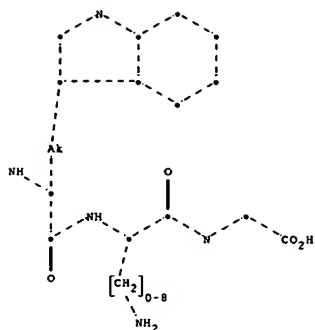
Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:CLASS



chain nodes :
 1 2 3 4 5 6 7 8 11 12 13 23 24
 ring nodes :
 9 10 14 15 16 17 18 19 20 21 22
 chain bonds :
 1-2 2-3 2-13 3-4 3-7 4-5 5-6 5-23 6-8 6-9 10-11 11-12 13-14
 23-24
 ring bonds :
 9-10 14-15 14-18 15-16 16-17 17-18 17-19 18-22 19-20 20-21 21-22
 exact/norm bonds :
 1-2 2-3 2-13 3-4 3-7 4-5 5-6 5-23 6-8 6-9 9-10 10-11 11-12
 13-14 14-15 14-18 15-16 16-17 17-18 17-19 18-22 19-20 20-21 21-22
 23-24

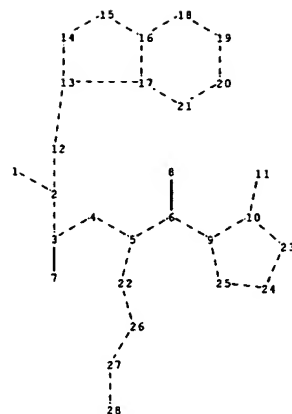
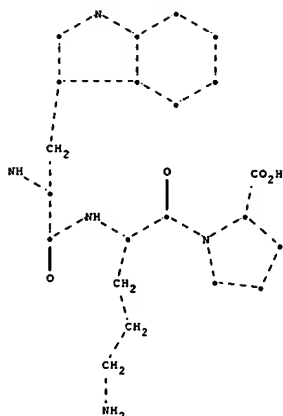
Match level :
 1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom
 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:CLASS 24:CLASS
 Generic attributes :
 13:
 Type of chain : Linear
 Saturation : Saturated



chain nodes :
 1 2 3 4 5 6 7 8 11 12 22 23
 ring nodes :
 9 10 13 14 15 16 17 18 19 20 21
 chain bonds :
 1-2 2-3 2-12 3-4 3-7 4-5 5-6 5-22 6-8 6-9 10-11 12-13 22-23
 ring bonds :
 9-10 13-14 13-17 14-15 15-16 16-17 16-18 17-21 18-19 19-20 20-21
 exact/norm bonds :
 1-2 2-3 2-12 3-4 3-7 4-5 5-6 5-22 6-8 6-9 9-10 10-11 12-13
 13-14 13-17 14-15 15-16 16-17 16-18 17-21 18-19 19-20 20-21 22-23

Match level :
 1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom
 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:CLASS 23:CLASS

Generic attributes :
 12:
 Type of chain : Linear
 Saturation : Saturated



chain nodes :

1 2 3 4 5 6 7 8 11 12 22 26 27 28

ring nodes :

9 10 13 14 15 16 17 18 19 20 21 23 24 25

chain bonds :

1-2 2-3 2-12 3-4 3-7 4-5 5-6 5-22 6-8 6-9 10-11 12-13 22-26
26-27 27-28

ring bonds :

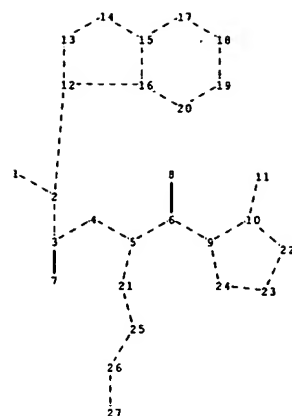
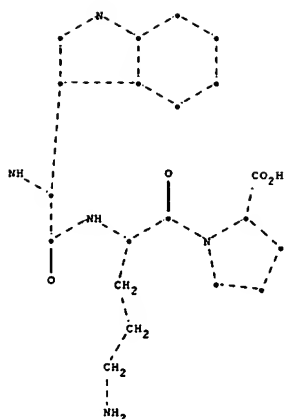
9-10 9-25 10-23 13-14 13-17 14-15 15-16 16-17 16-18 17-21 18-19
19-20 20-21 23-24 24-25

exact/norm bonds :

1-2 2-3 2-12 3-4 3-7 4-5 5-6 5-22 6-8 6-9 9-10 9-25 10-11
10-23 12-13 13-14 13-17 14-15 15-16 16-17 16-18 17-21 18-19 19-20
20-21 22-26 23-24 24-25 26-27 27-28

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom
17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:CLASS 23:CLASS 24:Atom
25:Atom 26:CLASS 27:CLASS 28:CLASS



chain nodes :

1 2 3 4 5 6 7 8 11 21 25 26 27

ring nodes :

9 10 12 13 14 15 16 17 18 19 20 22 23 24

chain bonds :

1-2 2-3 2-12 3-4 3-7 4-5 5-6 5-21 6-8 6-9 10-11 21-25 25-26
26-27

ring bonds :

9-10 9-24 10-22 12-13 12-16 13-14 14-15 15-16 15-17 16-20 17-18
18-19 19-20 22-23 23-24

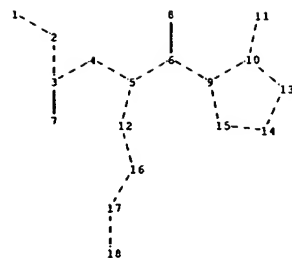
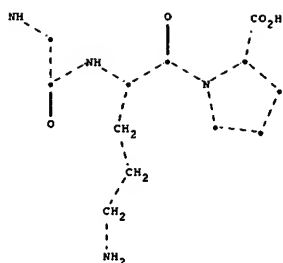
exact/norm bonds :

1-2 2-3 2-12 3-4 3-7 4-5 5-6 5-21 6-8 6-9 9-10 9-24 10-11
10-22 12-13 12-16 13-14 14-15 15-16 15-17 16-20 17-18 18-19 19-20
21-25 22-23 23-24 25-26 26-27

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom
17:Atom 18:Atom 19:Atom 20:Atom 21:CLASS 22:CLASS 23:Atom 24:Atom
25:CLASS 26:CLASS 27:CLASS

H:\STN queries\10812831e.str



chain nodes :

1 2 3 4 5 6 7 8 11 12 16 17 18

ring nodes :

9 10 13 14 15

chain bonds :

1-2 2-3 3-4 3-7 4-5 5-6 5-12 6-8 6-9 10-11 12-16 16-17 17-18

ring bonds :

9-10 9-15 10-13 13-14 14-15

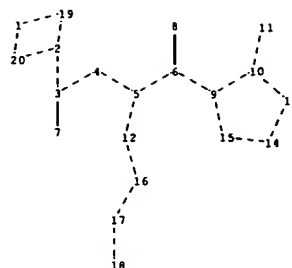
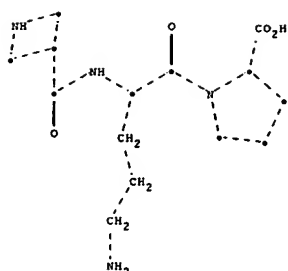
exact/norm bonds :

1-2 2-3 3-4 3-7 4-5 5-6 5-12 6-8 6-9 9-10 9-15 10-11 10-13
12-16 13-14 14-15 16-17 17-18

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:CLASS
17:CLASS 18:CLASS

H:\STN queries\10812831f.str



chain nodes :

3 4 5 6 7 8 11 12 16 17 18

ring nodes :

1 2 9 10 13 14 15 19 20

chain bonds :

2-3 3-4 3-7 4-5 5-6 5-12 6-8 6-9 10-11 12-16 16-17 17-18

ring bonds :

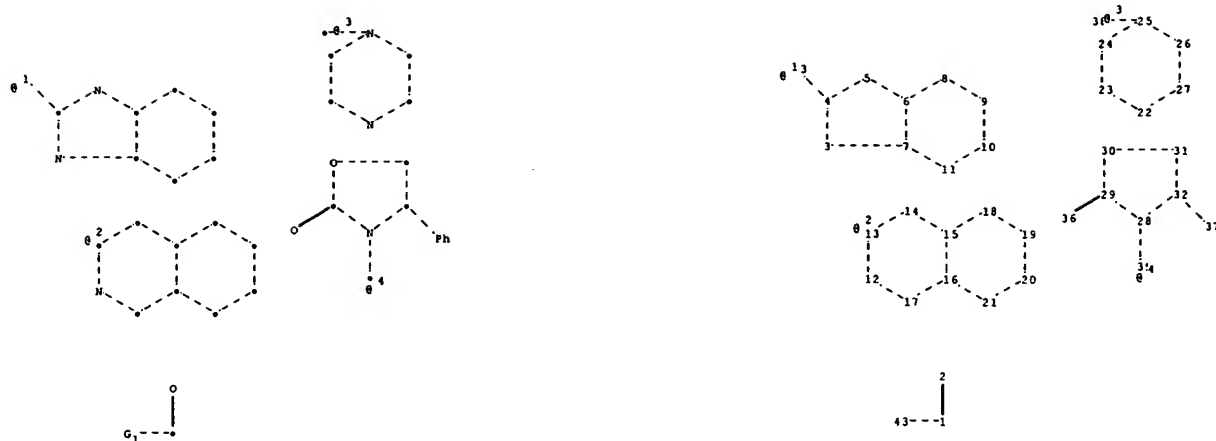
1-19 1-20 2-19 2-20 9-10 9-15 10-13 13-14 14-15

exact/norm bonds :

1-19 1-20 2-3 2-19 2-20 3-4 3-7 4-5 5-6 5-12 6-8 6-9 9-10 9-15
10-11 10-13 12-16 13-14 14-15 16-17 17-18

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:CLASS
17:CLASS 18:CLASS 19:Atom 20:Atom



chain nodes :

1 2 33 36 37 38 39 43

ring nodes :

3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24 25 26 27 28 29 30 31 32

chain bonds :

1-2 1-43 4-33 25-38 28-39 29-36 32-37

ring bonds :

3-4 3-7 4-5 5-6 6-7 6-8 7-11 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 15-18 16-17 16-21 18-19 19-20 20-21 22-23 22-27 23-24
24-25 25-26 26-27 28-29 28-32 29-30 30-31 31-32

exact/norm bonds :

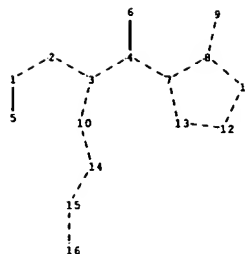
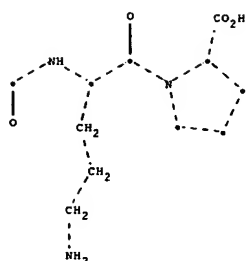
1-2 1-43 3-4 3-7 4-5 4-33 5-6 6-7 6-8 7-11 8-9 9-10 10-11
12-13 12-17 13-14 14-15 15-16 15-18 16-17 16-21 18-19 19-20 20-21
22-23 22-27 23-24 24-25 25-26 25-38 26-27 28-29 28-32 28-39 29-30
29-36 30-31 31-32 32-37

G1:[*1],[*2],[*3],[*4]

Match level :

1:CLASS 2:CLASS 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom
18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom
26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:CLASS
36:CLASS 37:CLASS 38:CLASS 39:CLASS 43:CLASS

H:\STN queries\10812831h.str



chain nodes :

1 2 3 4 5 6 9 10 14 15 16

ring nodes :

7 8 11 12 13

chain bonds :

1-5 1-2 2-3 3-4 3-10 4-6 4-7 8-9 10-14 14-15 15-16

ring bonds :

7-8 7-13 8-11 11-12 12-13

exact/norm bonds :

1-5 1-2 2-3 3-4 3-10 4-6 4-7 7-8 7-13 8-9 8-11 10-14 11-12
12-13 14-15 15-16

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3352	ornithine same proline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/06 16:57
L2	105	ornith\$ adj prol\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/06 16:58
L3	54	trypt\$ same l2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/06 16:58
S1	55	"orn pro"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/06 15:48
S2	0	"trp orn pro"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/06 15:49
S3	94	"wkp"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/06 15:49
S4	15	S3 and peptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/06 16:57